

MINIATURE ROTARY

Compressors and Vacuum Pumps

G04 Series

MODELS:

Standard models available.

G6/04-E, G12/04-E, G24/04-E

Other models based on availability and minimum purchase.

FEATURES:

- Oil-less
- Maintenance free
- Compact
- Pulsation free
- High flow
- Low vibration
- Reversible flow

Consult factory for custom applications

DIMENSIONS:

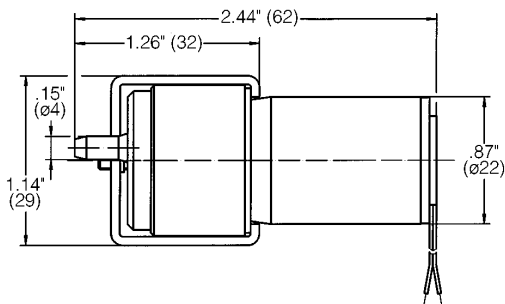
Millimeters are in ()



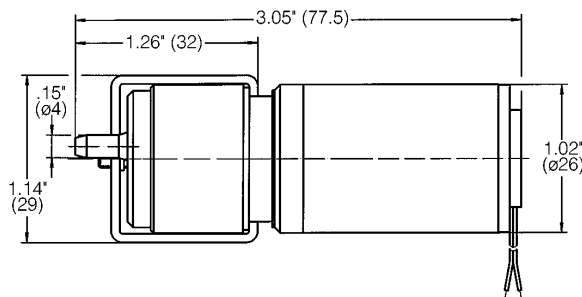
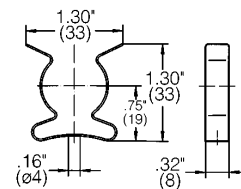
G3/04-E



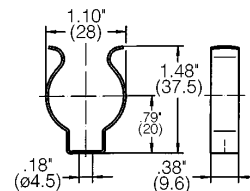
G12/04-E



G3/04E



G12/04-E



ISO 9001
CERTIFIED

**THOMAS**
COMPRESSORS
& VACUUM PUMPS
First Name in Innovation

G04 SERIES PERFORMANCE DATA:

		STANDARD		STANDARD		STANDARD	
MODEL NUMBER:		G3/04-E		G6/04-E		G12/04-E	
COMPRESSOR ARTICLE NUMBER:		50031		50342		50222	
HEAD CONFIGURATION:		Pressure/Vacuum		Pressure/Vacuum		Pressure/Vacuum	
PRESSURE:		Flow @ 3v		Flow @ 6v		Flow @ 12v	
LPM @ PSI	LPM @ mbar	LPM	LPM	LPM	LPM	LPM	LPM
0	0	4.6	4.6	4.7	4.7	5.2	5.2
1.0	50					3.2	4.0
1.5	100					2.0	2.0
MAX. CONTINUOUS PRESSURE:		.73 PSI	50 mbar	.73 PSI	50 mbar	.73 PSI	50 mbar
MAX. INTERMITTENT PRESSURE:		1.4 PSI	95 mbar	1.3 PSI	90 mbar	1.4 PSI	100 mbar
VACUUM:		Flow @ 3v		Flow @ 6v		Flow @ 12v	
LPM @ IN. Hg	LPM @ mbar	LPM	LPM	LPM	LPM	LPM	LPM
0	0	4.6	4.6	4.7	4.7	5.2	5.2
1.0	-50						
1.5	-100						
MAX. VACUUM:		2.9" hg	-100 mbar	0" hg	0 mbar	2.9" hg	-100 mbar
MAX. INTERMITTENT VACUUM:		5.3" hg	-180 mbar	11.8" hg	-400 mbar	13.3" hg	-450 mbar
RPM:		6900		5600		4500	
MOTOR TYPE:		PM		PM		PM	
MOTOR VOLTAGE:		3vDC		6vDC		12vDC	
POWER CONSUMPTION (WATTS):		2.6		6.6		3.8	
INSULATION CLASS:		B		F		B	
ROTATIONAL DIRECTION:		CW		CW/CCW		CW/CCW	
WEIGHT:		.02 lbs	.01 Kg	.02 lbs	.01 Kg	.02 lbs	.01 Kg

